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教育背景:

1990.9-1994.7中国海洋大学 学士

1994.9-1999.7中国科学院上海药物研究所 博士

工作经历:

1999.8-2001.10上海中医药大学中药研究所博士后

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2001.11-2007.12上海中医药大学中药研究所副研究员

2008.1-今上海中医药大学中药研究所研究员

2012.10-2013.9美国佐治亚大学碳水化合物研究中心 访问学者

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上海市年轻科技启明星（2003），上海市曙光学者（2008），上海市青年科技启明星（跟踪）（2009），教育部新世纪优秀人才（2009）

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中国科学院自然科学二等奖（2000）上海市科技进步三等奖（2000）上海市科学技术奖一等奖（2006）

近三年主要科研成果：

发表论文：

- (1) Huijun Wang, Songshan Shi, Bin Bao, Shunchun Wang *. Structure characterization of an arabinogalactan from green tea and its anti-diabetic effect. Carbohydrate polymers, 2015, 124: 98-108.
- (2) Jun Yan, Songshan Shi, Hongwei Wang, Ruimin Liu, Ning Li, Yonglin Chen, Shunchun Wang*. Neutral monosaccharide composition analysis of plant-derived oligo- and polysaccharide by high performance liquid chromatography. Carbohydrate Polymers, 2016, 136: 1273-1280.
- (3) Yonglin Chen, Songshan Shi, Huijun Wang, Ning Li, Juan Su, Guixin Chou* and Shunchun Wang . A Homogeneous Polysaccharide from Fructus Schisandra chinensis (Turz.) Baill Induces Mitochondrial

Apoptosis through the Hsp90/AKT Signalling Pathway in HepG2 Cells. *Int. J. Mol. Sci.* 2016, 17, 1015; doi:10.3390/ijms17071015

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(6) Wuxia Zhang, Peng Li, Dan Song, Hong Niu, Songshan Shi, Shunchun Wang *, Jinyou Duan*. Structural characterization and biological activities of two α -glucans from *Radix Paeoniae Alba*. *Glycoconj J*, 2016,33:147–157。

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(8) Songshan Shi, Hui Lian, Chao Zhu, Huijun Wang, Ruimin Liu, SW Annie Bligh and Shunchun Wang. Structural Features and Anti-Complement Activity of an Acidic Polysaccharide from *Forsythia*

suspense. *J Glycomics Lipidomics* 2016, 6:1

<http://dx.doi.org/10.4172/2153-0637.1000138>

- (9) Ning Li, Chenchen Shi, Songshan Shi, Huijun Wang, Jun Yan, **Shunchun Wang***. An inulin-type fructan isolated from *Artemisia japonica* and its anti-arthritic effects. *Journal of Functional Foods* 2017,29:29-36.
- (10) Qin Liu, Shunchun Wang *, Kan Ding *. Research advances in the treatment of Alzheimer's disease with polysaccharides from traditional Chinese medicine. *Chinese Journal of Natural Medicines* 2017, 15(9): 0641-0652
- (11) Jianjun Wu, Miaomiao Chen, Songshan Shi, Huijun Wang, Ning Li, Juan Su, Ruimin Liu, Zhengling Huang, Hong Jin, Xueqin Ji *, Shunchun Wang *. Hypoglycemic effect and mechanism of a pectic polysaccharide with hexenuronic acid from the fruits of *Ficus pumila* L. in C57BL/KsJ db/db mice. *Carbohydrate Polymers* 2017,178:209-220
- (12) Hongwei Wang, Ning Li, Chao Zhu, Songshan Shi, Hong Jin, Shunchun Wang*. Anti-complementary activity of two homogeneous polysaccharides from *Eclipta prostrata*. *Biochemical and Biophysical Research Communications* 2017,493:887-893.
- (13) Qin Liu, Jianping Fang, Peipei Wang, Zhenyun Du, Yanling Li, Shunchun Wang *, Kan Ding *. Characterization of a pectin from *Lonicera japonica* Thunb. and its inhibition effect on A42

aggregation and promotion of neuritogenesis. *International Journal of Biological Macromolecules* 2018,107:112-120

(14) Huijun Wang, Songshan Shi, Shunchun Wang*. Can highly cited herbs in ancient Traditional Chinese medicine formulas and modern publications predict therapeutic targets for diabetes mellitus? *Journal of Ethnopharmacology* 2018,213:101-110

(15) Huijun Wang, Mark I. Fowler, David J. Messenger, Leon A. Terry, Xuelan Gu, Luxian Zhou, Ruimin Liu, Juan Su, Songshan Shi, Jose Juan Ordaz-Ortiz, Guoping Lian, Mark J. Berry*, and Shunchun Wang*, Homoisoflavonoids Are Potent Glucose Transporter 2 (GLUT2) Inhibitors: A Potential Mechanism for the Glucose-Lowering Properties of *Polygonatum odoratum* *J. Agric. Food Chem.* 2018, 66, 3137–3145

承担科研项目情况:

国家自然科学基金面上项目“墨旱莲多糖抗补体作用的物质基础与作用靶点研究”(81373951), 2014.1-2017.12, 70万元

国家重大新药创制项目:“中药功能多糖组分库的构建及其关键技术研究”(2018ZX09735003-004), 2018.1-2020.12, 230万元

授权专利:

王顺春，吴建军，陈苗苗，施松善。一种荔枝核均一多糖及其应用ZL201610427432.X授权日期：2018.06.06

王顺春，李宁，施松善，施晨晨，苏娟，刘睿敏。一种姆蒿均一多糖及其制备方法和应用ZL201610304006.7，授权日期：2018.05.02

王顺春，范宏伟，刘飞，施松善，李宁，朱超，王峥涛，胡之璧。一种木香硫酸化多糖及其制备方法和应用ZL20410065608.2，授权日期：2016.1.20

王顺春，施松善，王宏伟，丁侃，刘海玲，王峥涛，胡之璧。一种蜈蚣藻寡糖及其制备方法和应用ZL201410177890.3，授权日期：2016.1.13